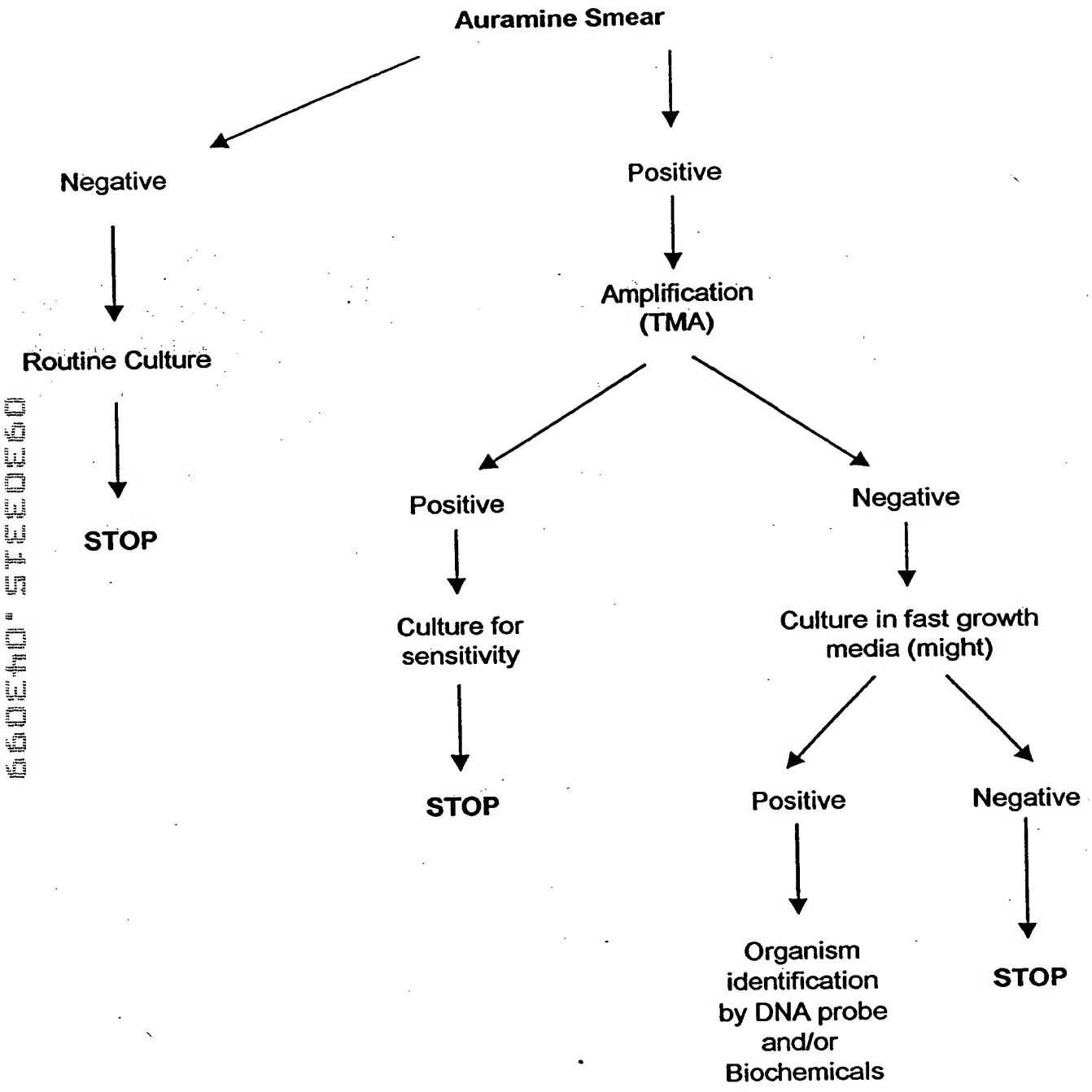
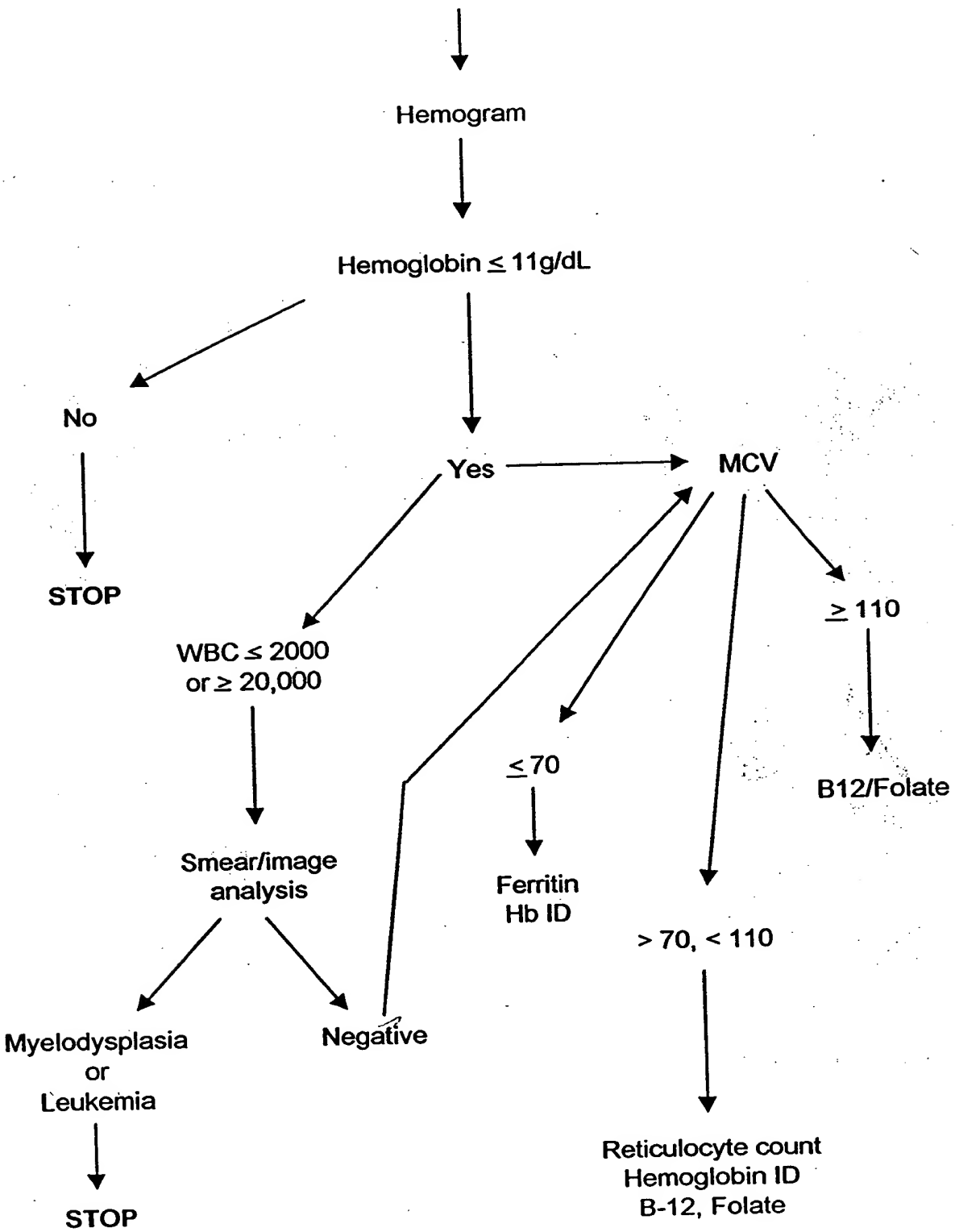
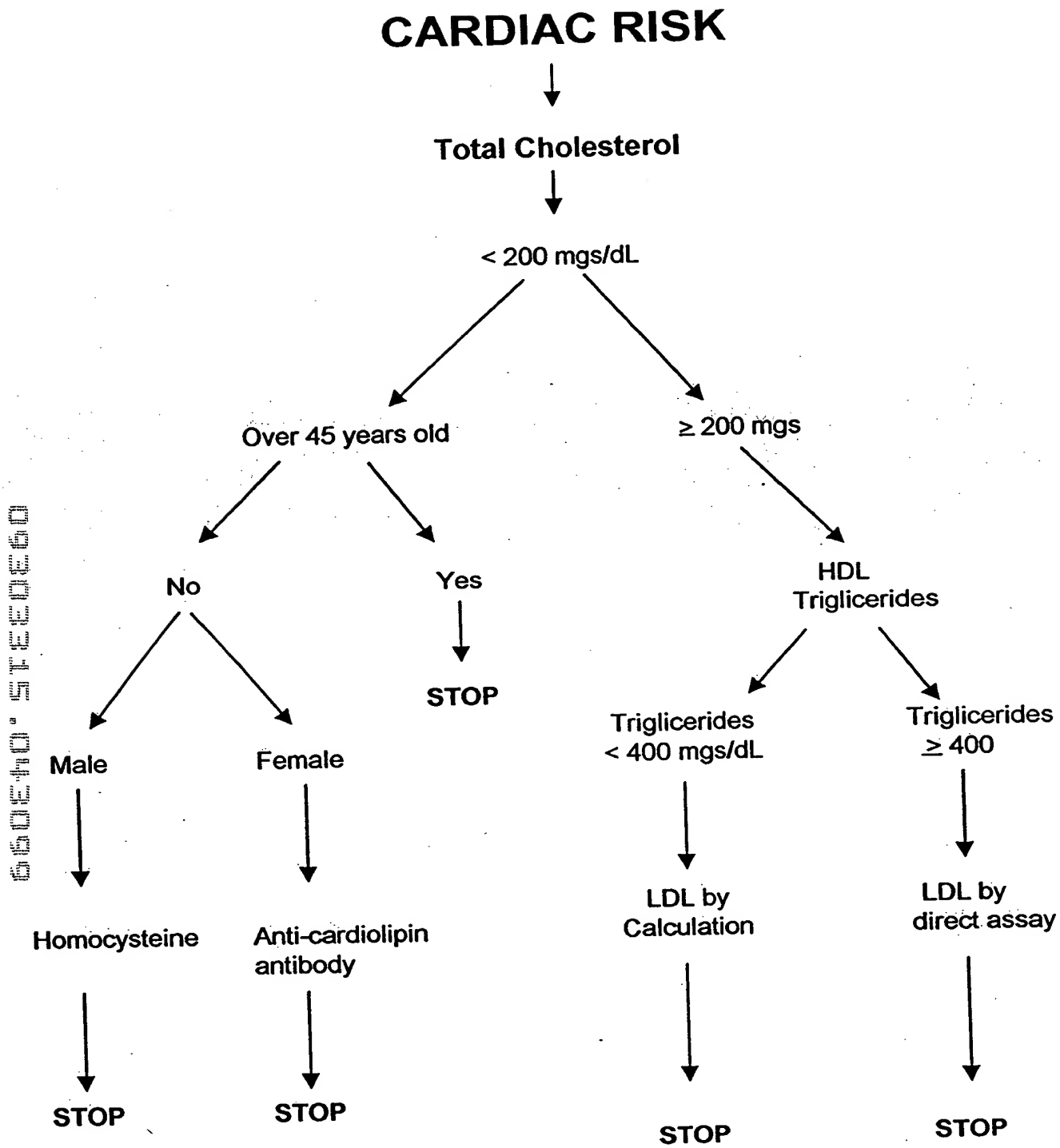
ACID-FAST BACTERIA ALGORITHM



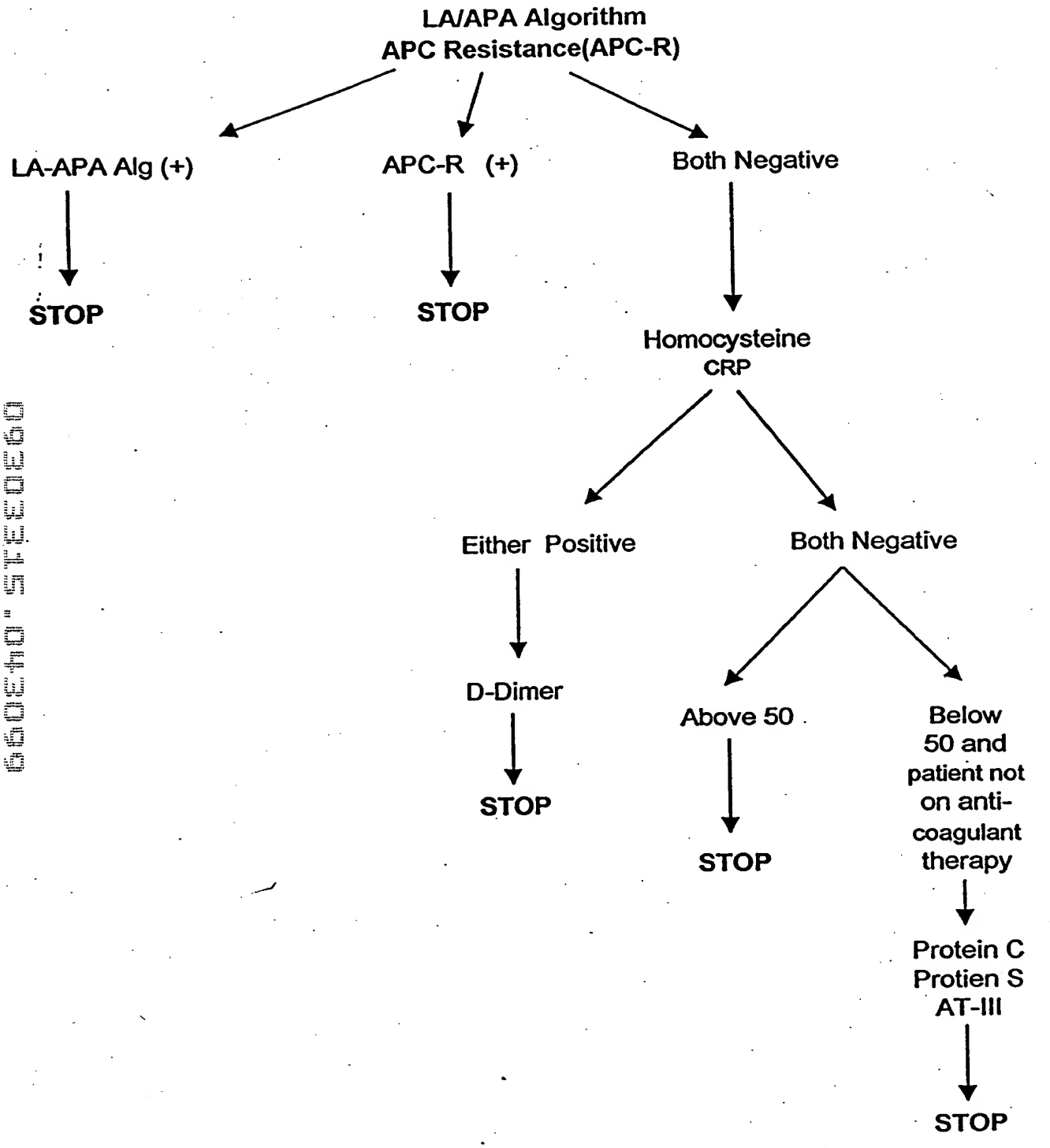
6,294,340 B1 Sep. 25, 2001

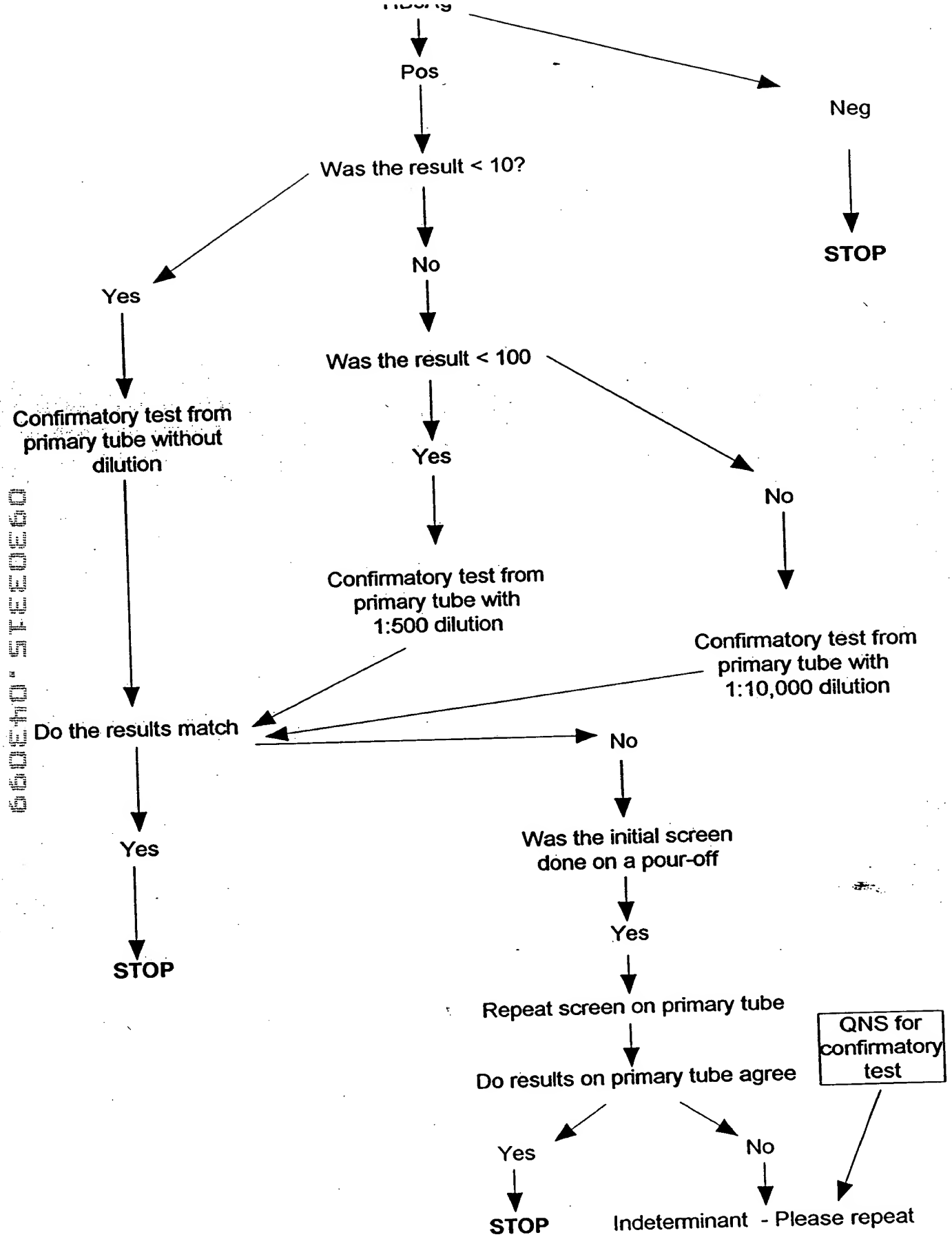
ANEMIA ALGORITHM



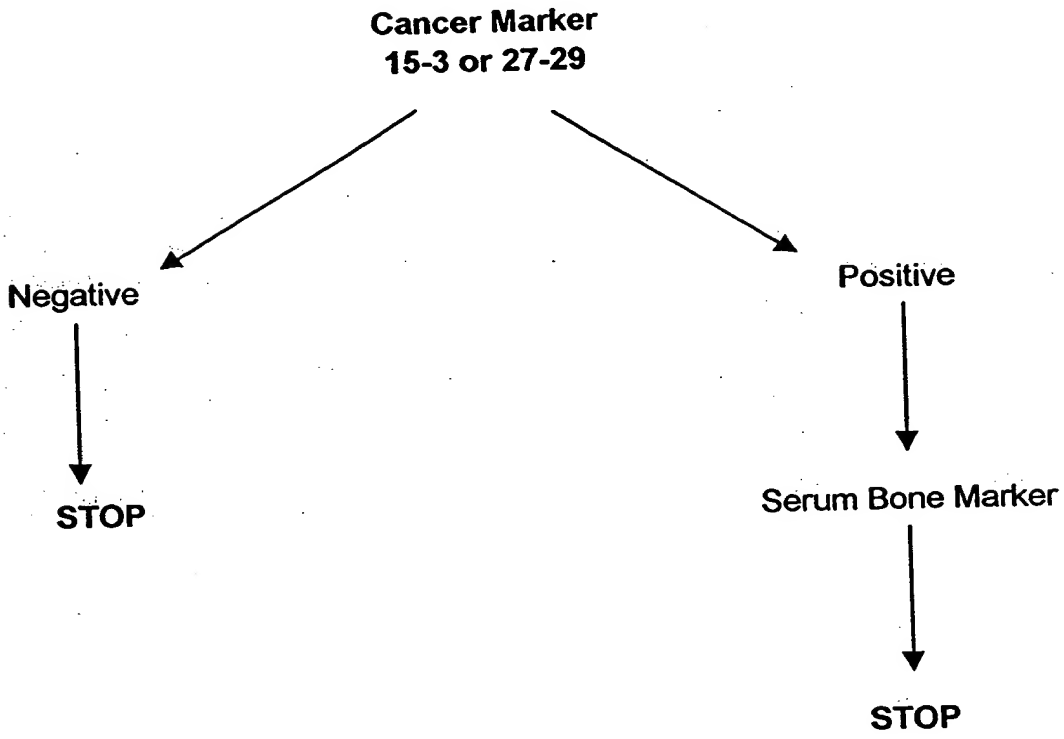

CARDIAC RISK
Total Cholesterol
< 200 mgs/dL
Over 45 years old
≥ 200 mgs
No
Yes
HDL
Triglicerides
STOP
Male
Female
Triglicerides
< 400 mgs/dL
Triglicerides
≥ 400
Homocysteine
Anti-cardiolipin
antibody
LDL by
Calculation
LDL by
direct assay
STOP
STOP
STOP
STOP

THROMBOPHILIA ALGORITHM



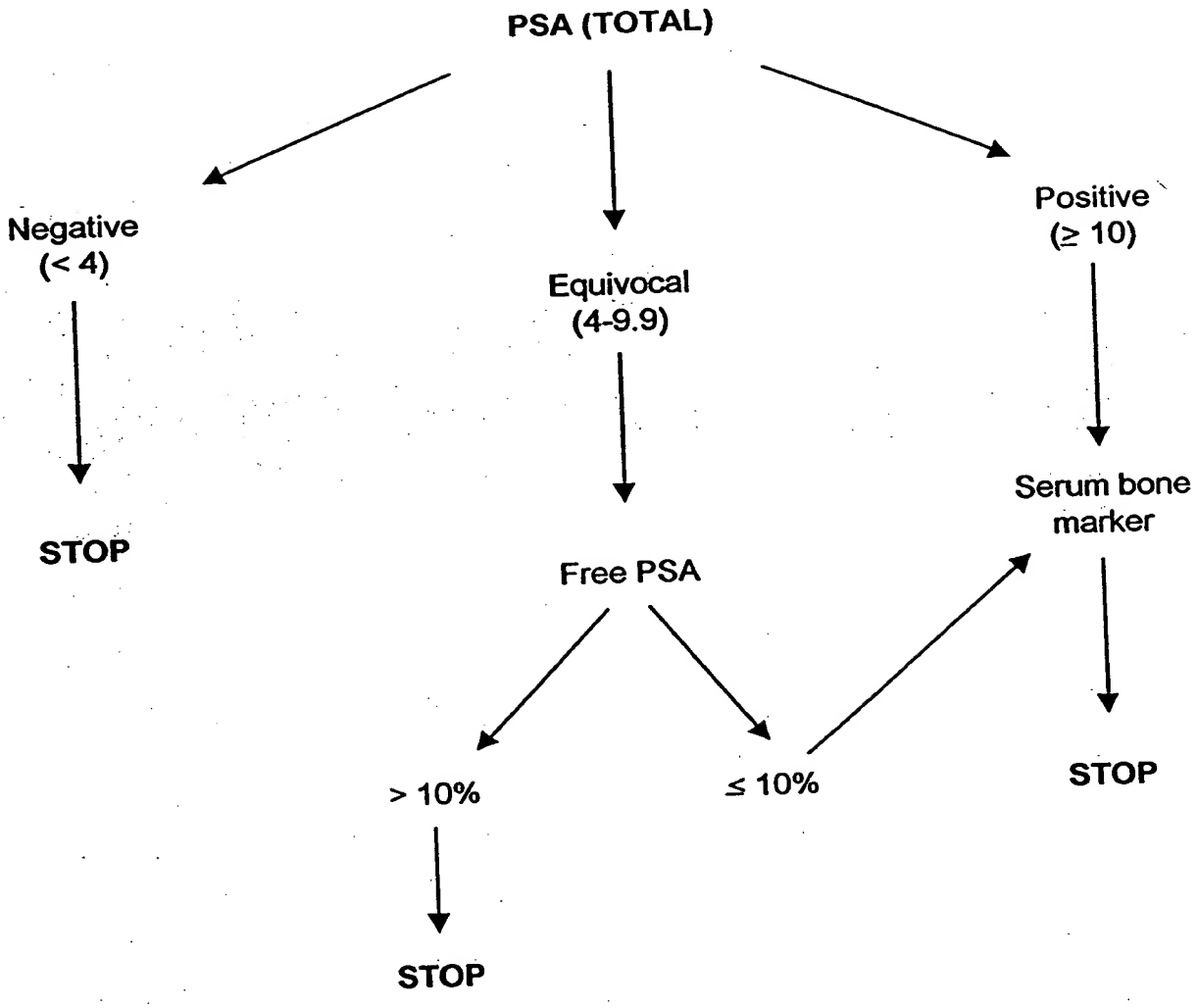

Pos
Neg
Was the result < 10?
STOP
Yes
No
Was the result < 100
Confirmatory test from primary tube without dilution
Yes
No
Confirmatory test from primary tube with 1:500 dilution
Confirmatory test from primary tube with 1:10,000 dilution
Do the results match
No
Yes
Was the initial screen done on a pour-off
STOP
Yes
Repeat screen on primary tube
QNS for confirmatory test
Do results on primary tube agree
Yes
No
STOP
Indeterminant - Please repeat

BREAST CANCER ALGORITHM



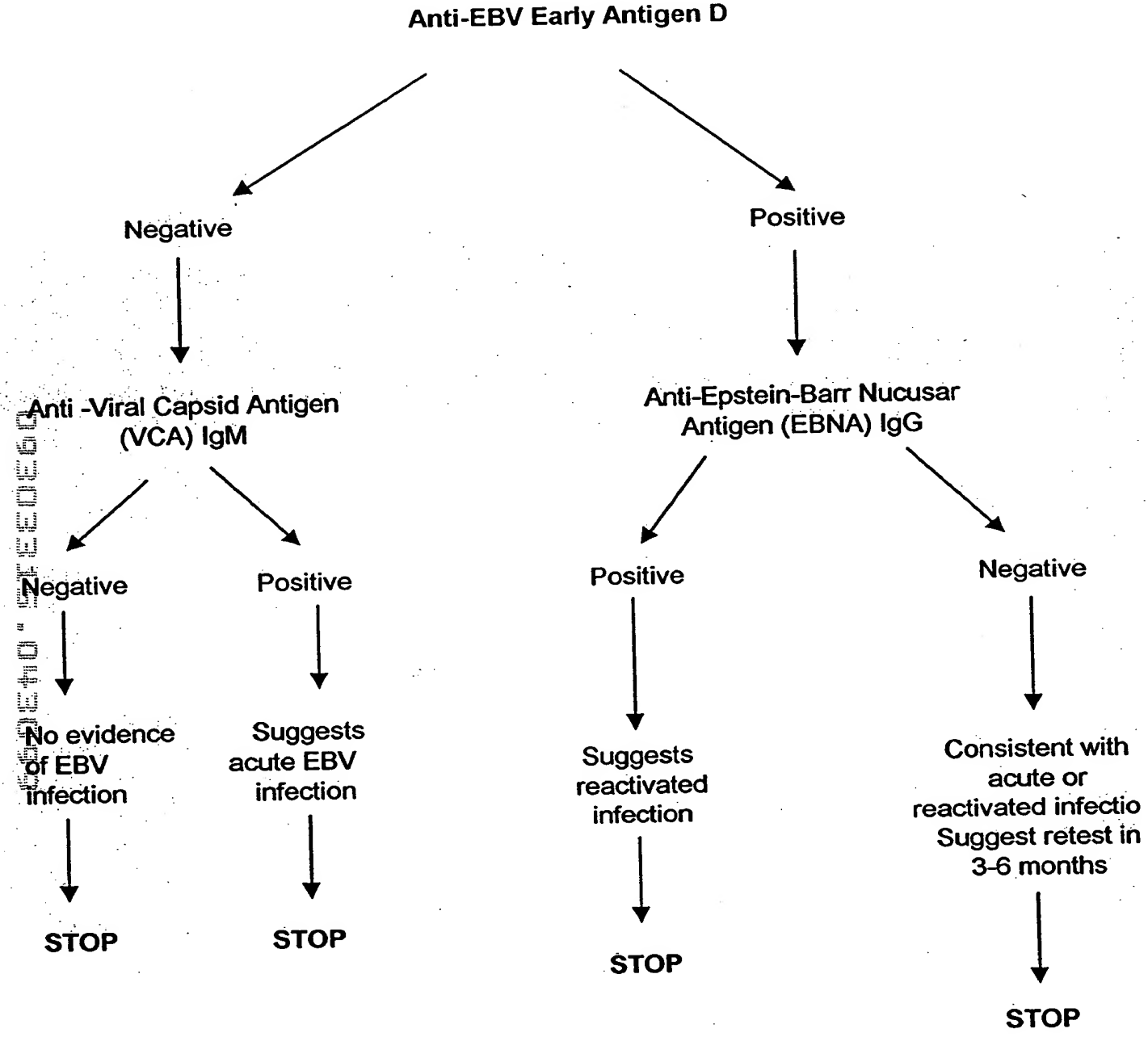
6,603,851 B2 Aug. 5, 2003

PROSTATE CANCER ALGORITHM



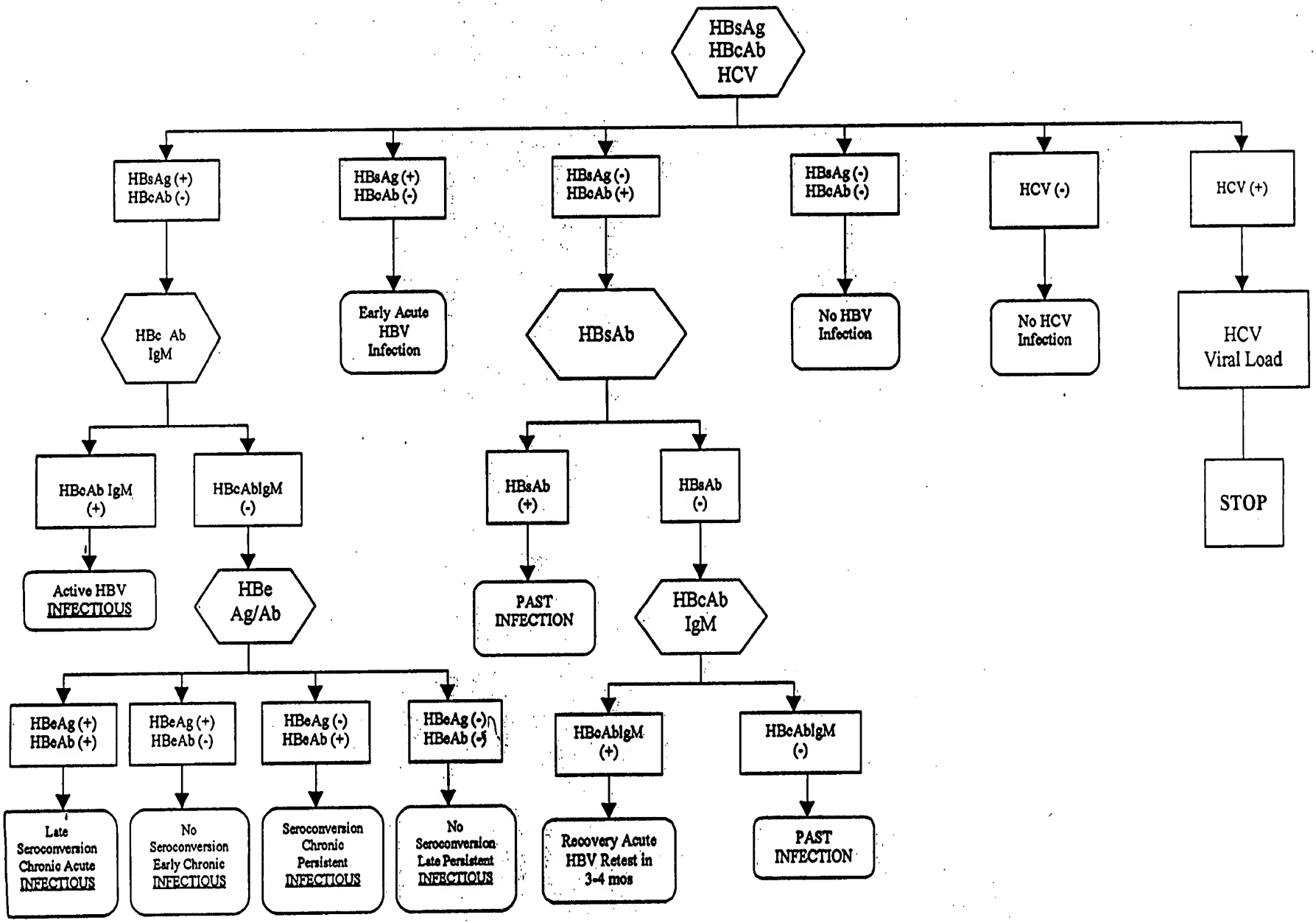
6,606,470 5,126,068

EPSTEIN-BARR VIRUS ALGORITHM

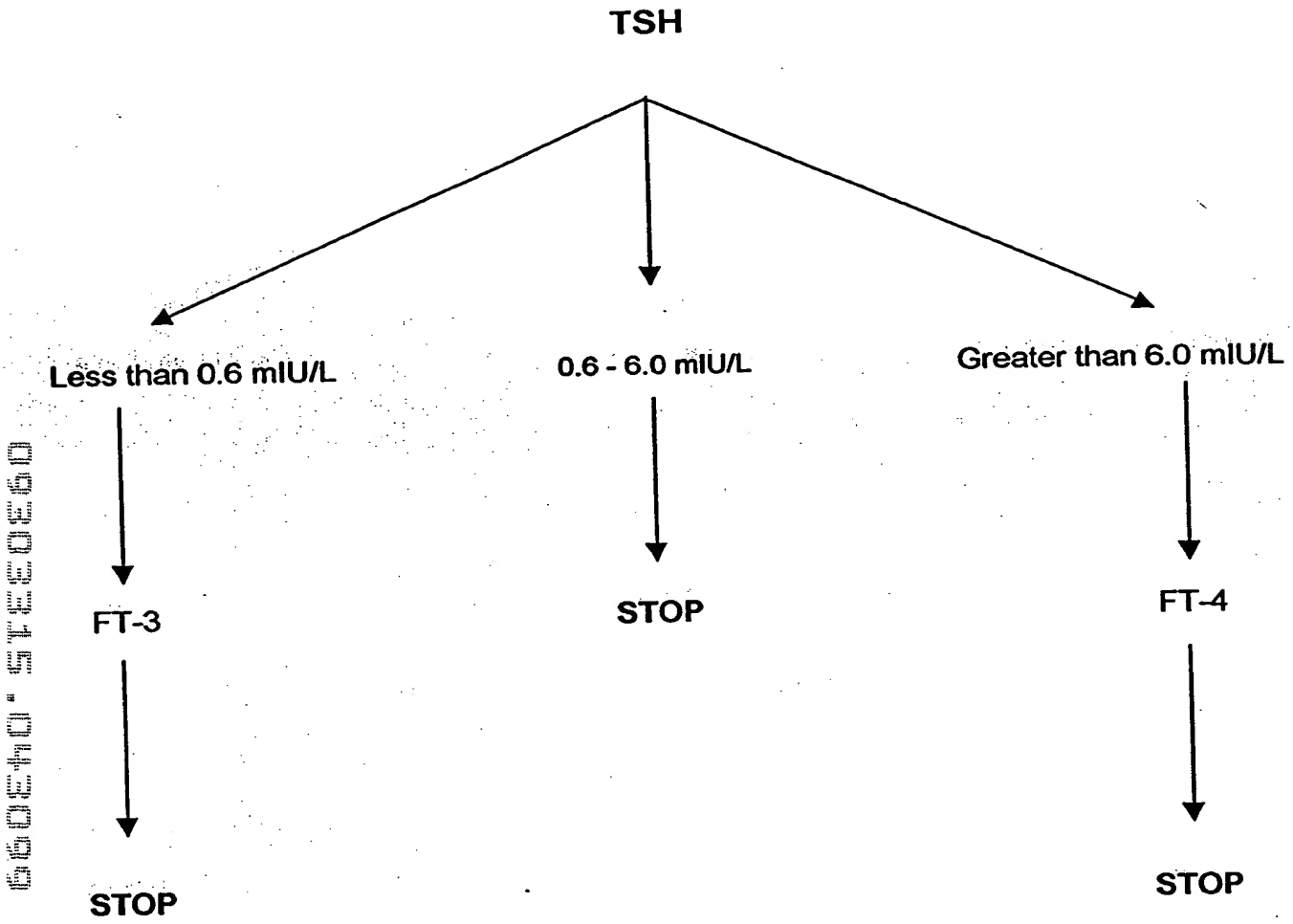


660EH0° STEE0E60

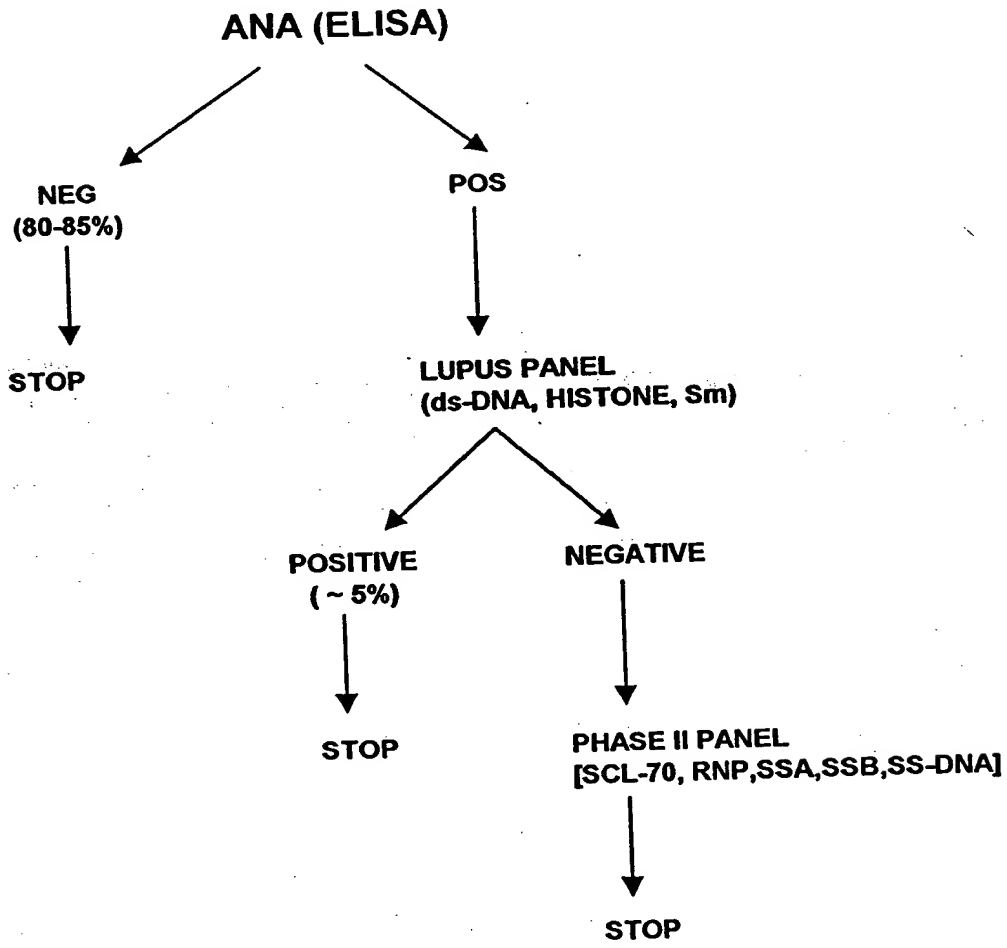
HEPATITIS ALGORITHM
[our most complex to date]



THYROID FUNCTION ALGORITHM

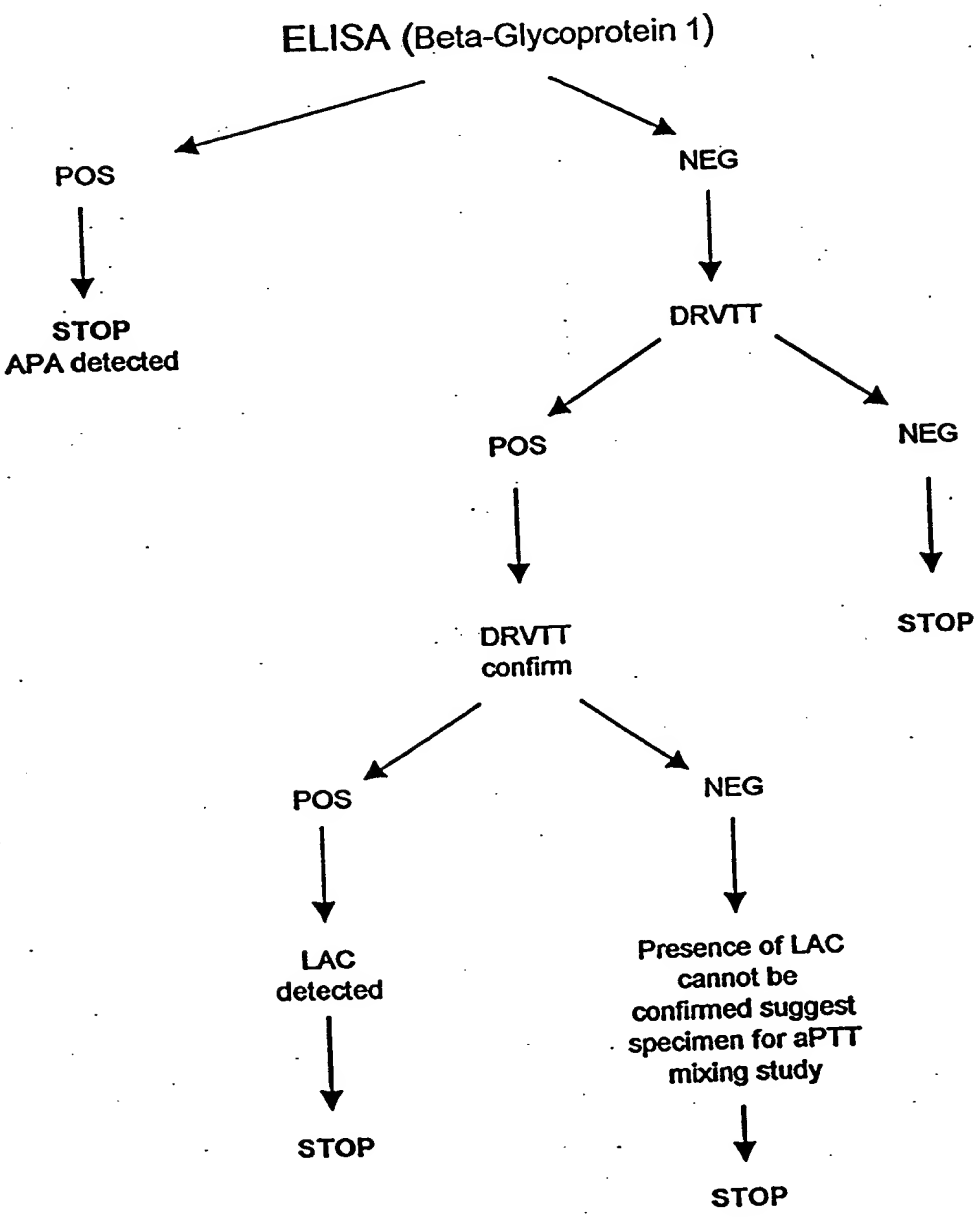


AUTOIMMUNE ALGORITHM



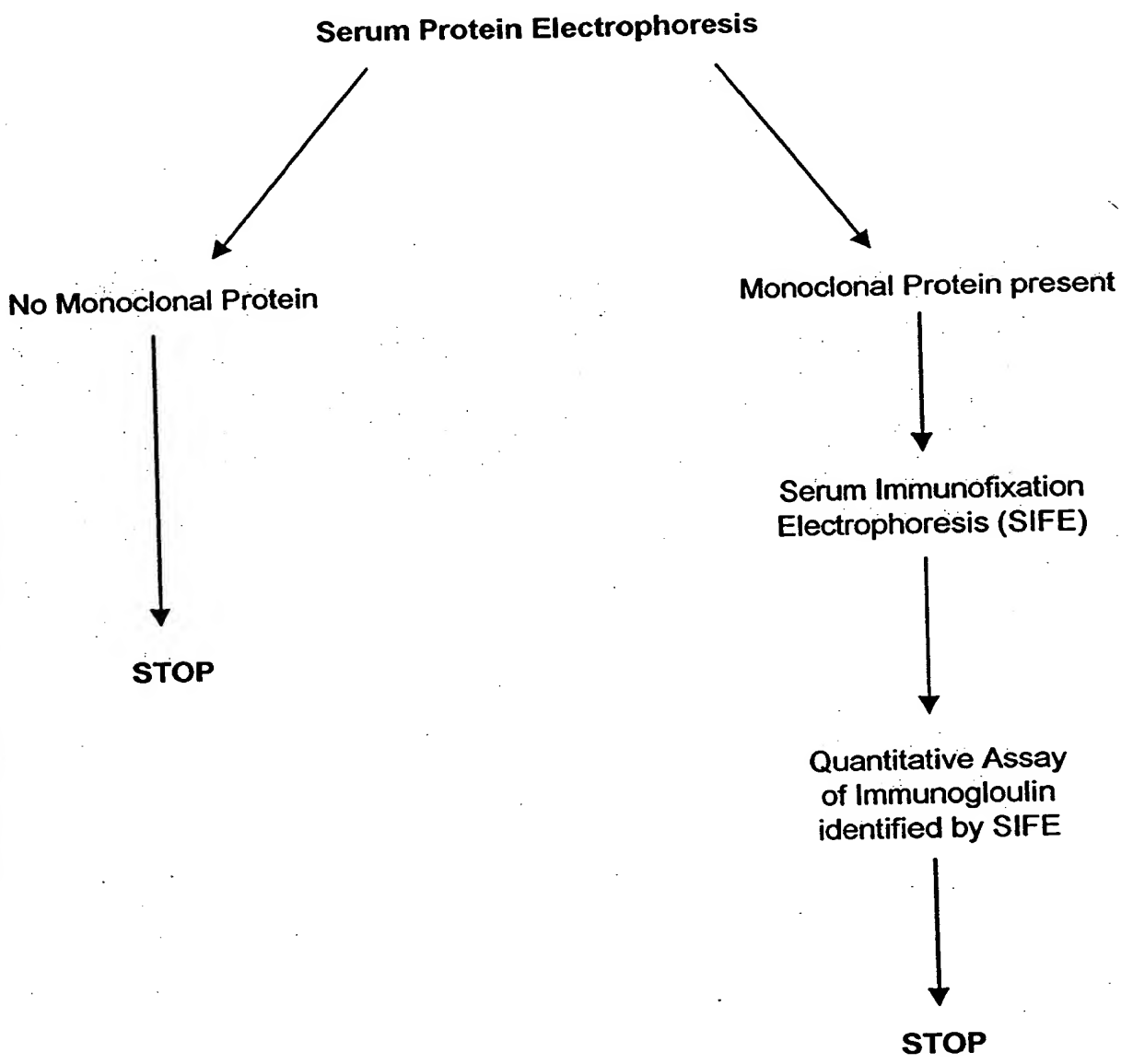
~ 6% Pos for ssRNA alone
~1.5% Pos for other panel Ag
~ 6% Negative

LUPUS ANTICOAGULANT/APA ALGORITHM



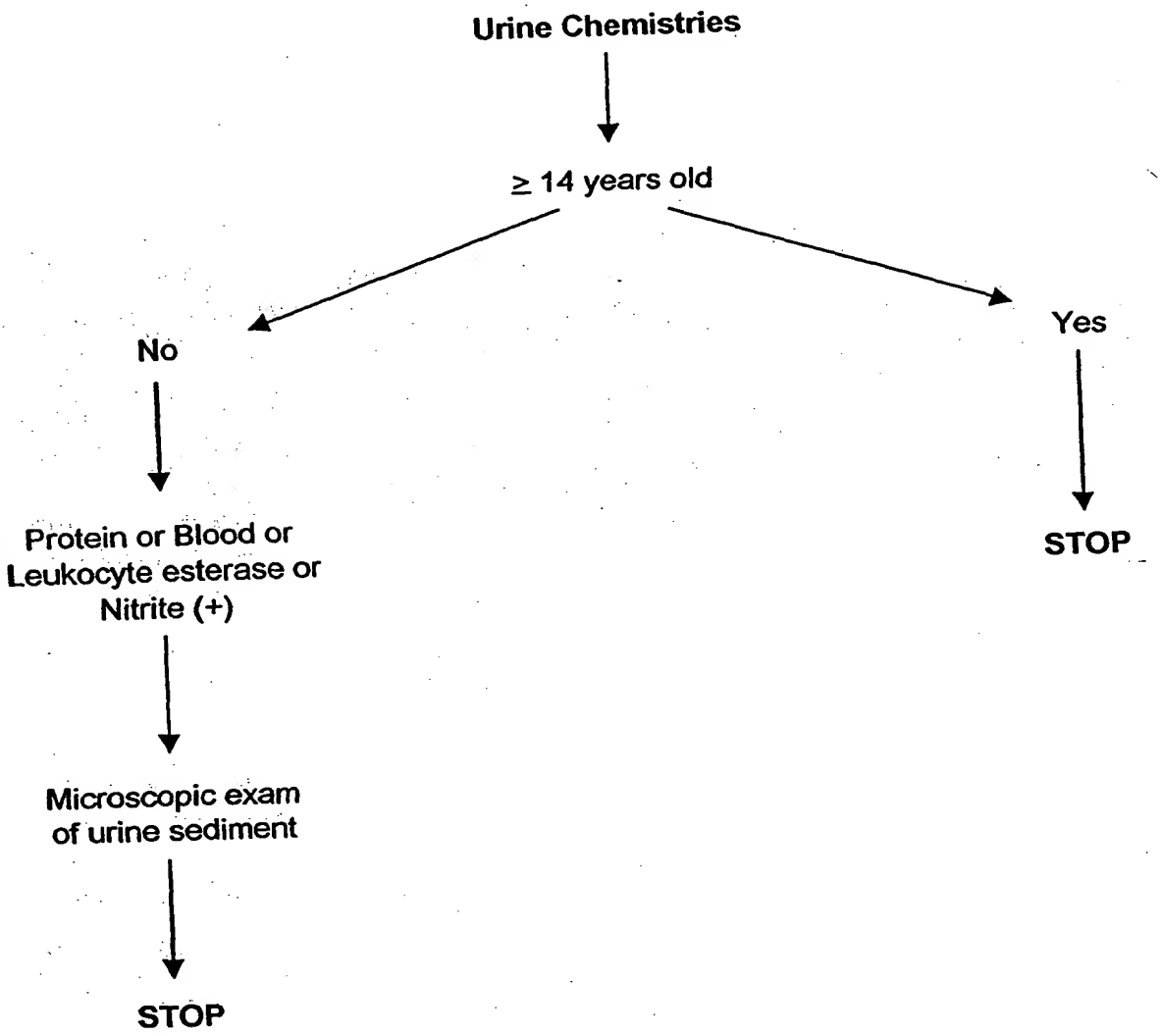
6606470 5F2E0E60

SERUM PROTEIN ALGORITHM



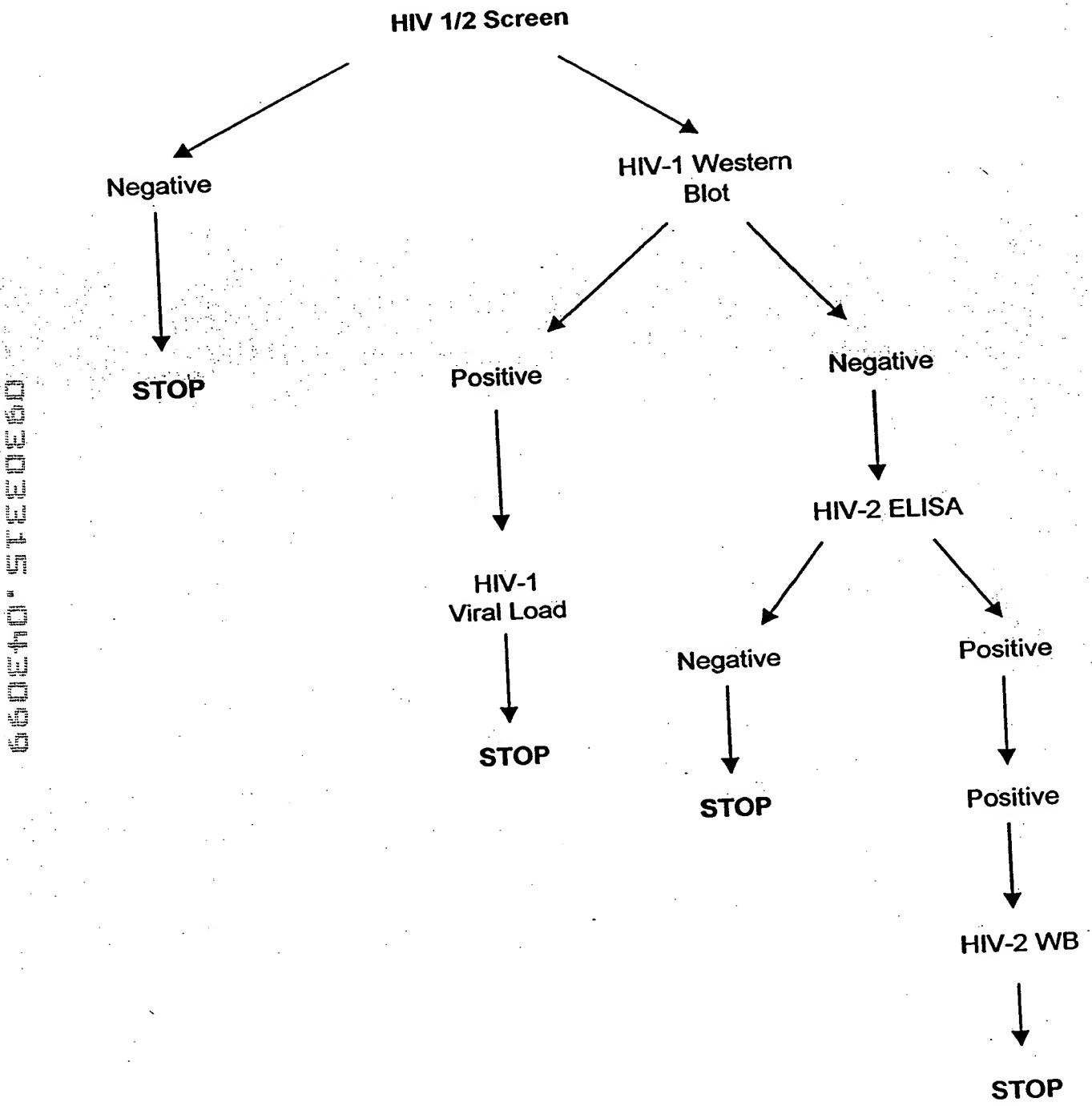
6500470 STEDS60

URINALYSIS ALGORITHM



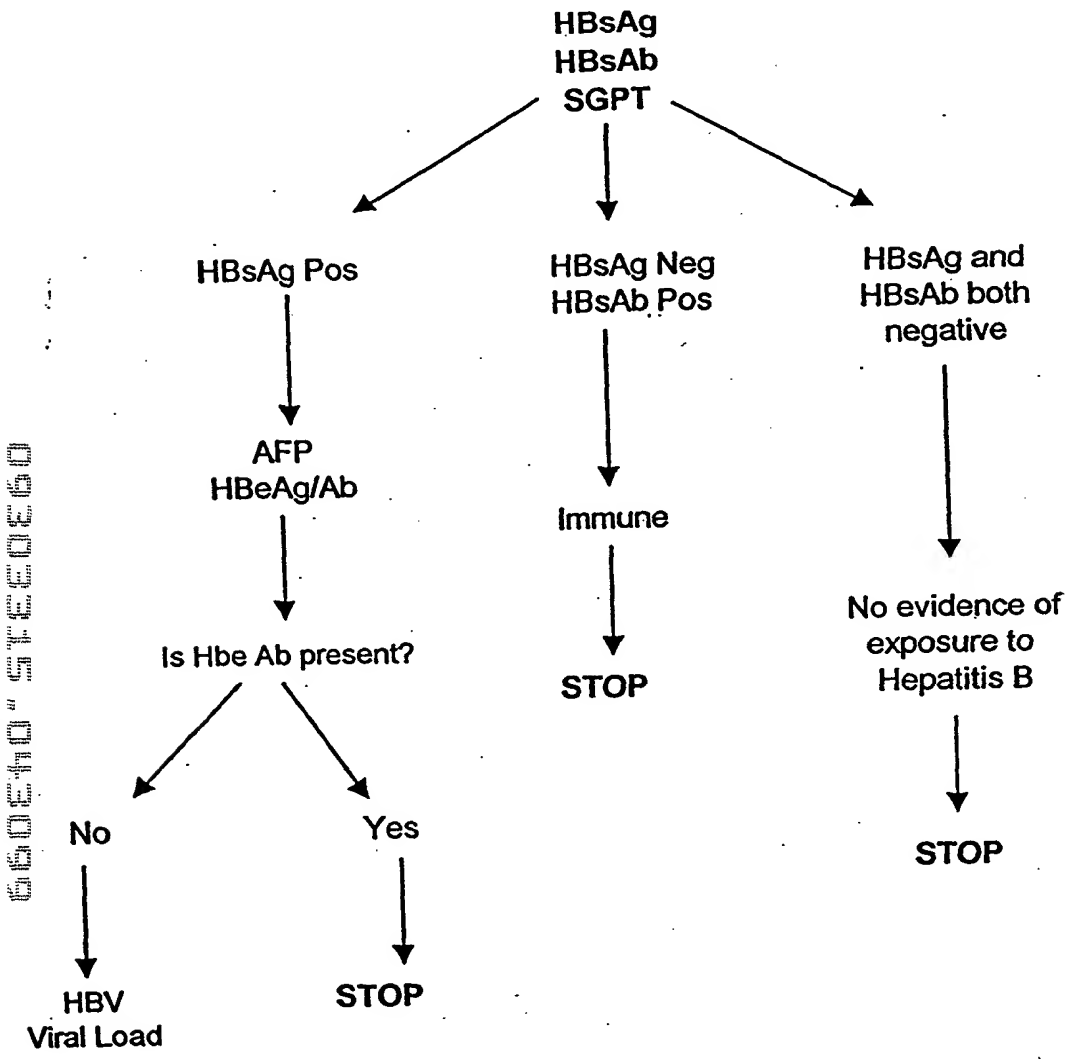
5 0 3 4 0 - 5 4 3 0 3 5 0

HUMAN IMMUNODEFICIENCY VIRUS ALGORITHM



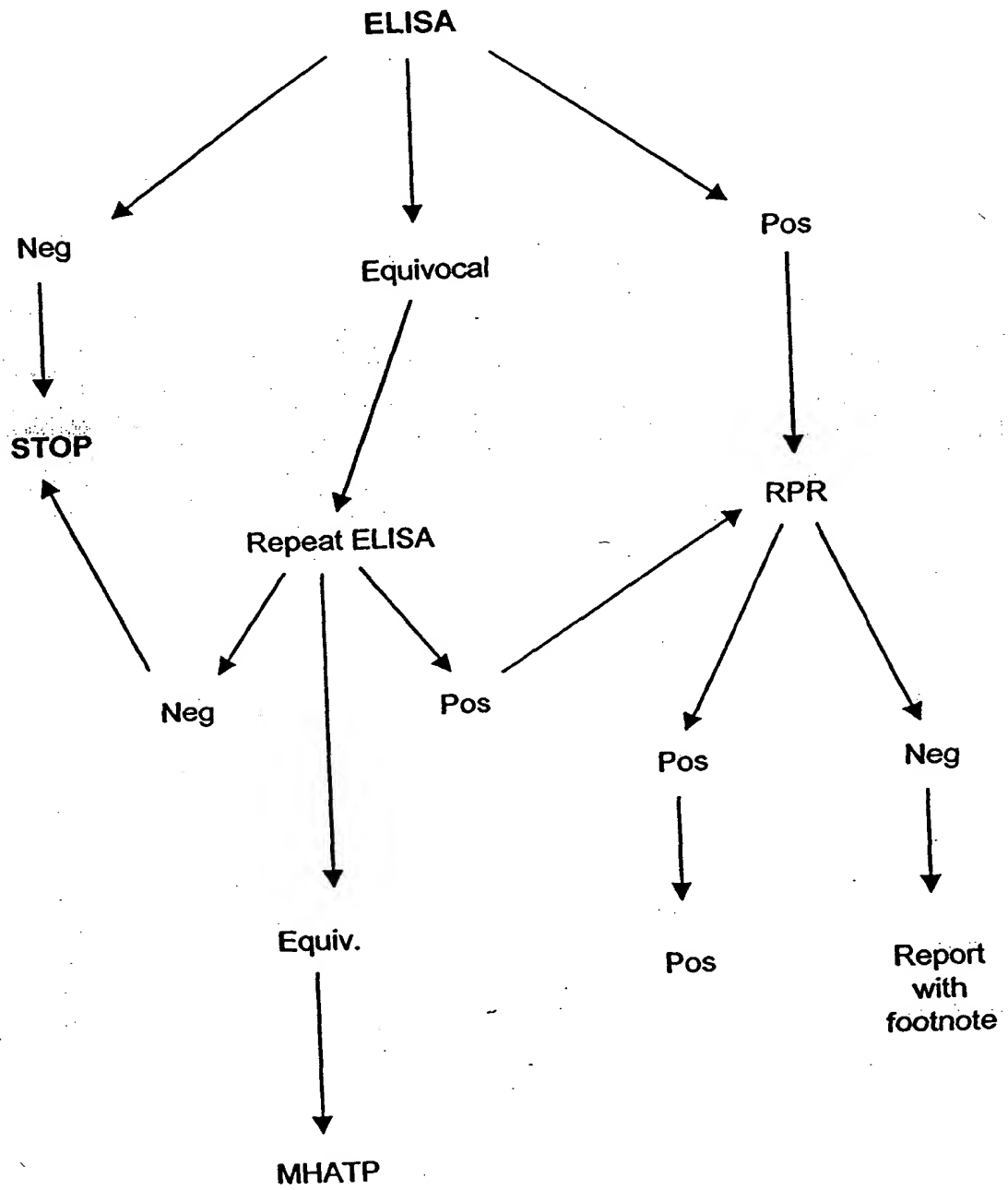
5994-0453E-EN

HEPATITIS B MONITORING /CARRIER ALGORITHM

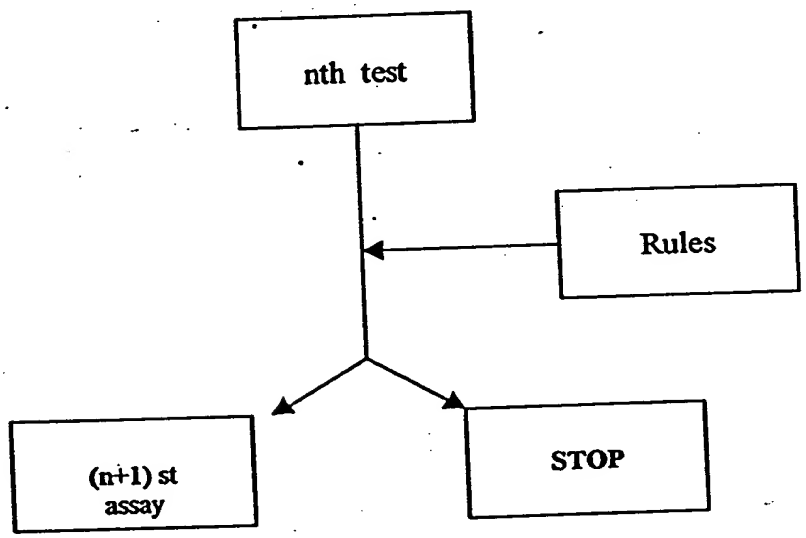


6606402-5423650

SYPHILIS ALGORITHM



5050-45-5050

SYSTEM ALGORITHM

The concept of the algorithm from a systems point of view is as follows: